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Streptococcus mutans; Salivary component; Affinity chromatography (Ackermans, F. (55) 279)

***hydC* gene**
Escherichia coli; formate hydrogenlyase regulation; Fnr protein (Cole, J.A. (55) 169)

Chlamydia psittaci
Outer membrane protein; Nucleotide sequence; Ewe abortion agent (Pickett, M.A. (55) 229)

Chlamydia trachomatis
Diagnosis; Nucleic acid sandwich hybridization; Culture; Genital tract infection; Enzyme immunoassay (Puolakkainen, M. (55) 353)

***Citrobacter* Isolation**
Phosphatase overproduction; Uranium accumulation (Macaskie, L.E. (55) 157)

Clindamycin resistance
Escherichia coli; Bifunctional vectors; Conjugal mobilization; *Bacteroides*; Transposon Tn*501*; Shuttle plasmid (Pheulpin, P. (55) 15)

Cloning
Escherichia coli; Formaldehyde resistance; Plasmid; Expression (Kaulfers, P.-M. (55) 299)

Clostridium botulinum
Ganglioside; pH; Phospholipid; Botulinum toxin type E (Kamata, Y. (55) 71)

Clostridium difficile
Cell wall protein (Sharp, J. (55) 99)

^{13}C NMR.
Halobacterium saccharovorum; Glycolipid; Polar lipids (Lanzotti, V. (55) 223)

Collagen breakdown
Virulence; Trypsin; Cytotoxin; Haemin; *Bacteroides gingivalis* (Marsh, P.D. (55) 87)

Colonization factor antigen I, II
Enterotoxigenic *Escherichia coli*; *Salmonella typhi*; Adherence; Human small intestine (Yamamoto, T. (55) 335)

Complement
Mycobacteria; Antibody; BCG (Parkash, O. (55) 255)

Compost
Thermophilic bacterium; Actinomycete; Plasmid (Pidcock, K.A. (55) 349)

Conjugal mobilization
Escherichia coli; Bifunctional vectors; *Bacteroides*; Clindamycin resistance; Transposon Tn*501*; Shuttle plasmid (Pheulpin, P. (55) 15)

Conjugation
Broad-host-range plasmid; Transposon mutagenesis; Cosmid mobilization; Rhizosphere; *Pseudomonas fluorescence* (Voisard, C. (55) 9)

Cosmid mobilization
Broad-host-range plasmid; Conjugation; Transposon mutagenesis; Rhizosphere; *Pseudomonas fluorescence* (Voisard, C. (55) 9)

Crown gall tumor
Enterobacter cloacae; Secondary tumor; Bean stem (Beltrá, R. (55) 203)

Culture
Diagnosis; Nucleic acid sandwich hybridization; *Chlamydia trachomatis*; Genital tract infection; Enzyme immunoassay (Puolakkainen, M. (55) 353)

Cytotoxin
Virulence; Trypsin; Collagen breakdown; Haemin; *Bacteroides gingivalis* (Marsh, P.D. (55) 87)

Diagnosis
Nucleic acid sandwich hybridization; Culture; *Chlamydia trachomatis*; Genital tract infection; Enzyme immunoassay (Puolakkainen, M. (55) 353)

Diarrhea
Fimbria; Adhesin; *Escherichia coli* (Broes, A. (55) 341)

Dictyostelium discoideum
Membrane potential; Pseudoplasmodium; AMP, cyclic (Kitami, M. (55) 269)

DNA-DNA hybridization
Taxonomy; *Lactobacillus malefermentans*; *Lactobacillus parabuchneri* (Farrow, J.A.E. (55) 163)

DNA gyrase
Archaebacterium; Reverse gyrase; Topoisomerase; Thermoacidophiles (Collin, R.G. (55) 235)

Effects of potassium and glucose limitation
TOL plasmid; Plasmid stability (Stephens, G.M. (55) 175)

Electron microscopy
Oxaloacetate decarboxylase; Prosthetic biotin group; Affinity labeling; *Klebsiella pneumoniae* (Däkena, P. (55) 35)

ELISA
Phototrophic bacteria; Malate dehydrogenase; Enzyme immunoassay (Tayeh, M.A. (55) 151)

Endocellulase
Trichoderma reesei; Immunomicroscopy; Cell wall; Cellulose (Sprey, B. (55) 283)

Enterobacter cloacae
Crown gall tumor; Secondary tumor; Bean stem (Beltrá, R. (55) 203)

Enterotoxigenic *Escherichia coli*
Salmonella typhi; Adherence; Colonization factor antigen I, II; Human small intestine (Yamamoto, T. (55) 335)

Enzyme immunoassay
Phototrophic bacteria; Malate dehydrogenase; ELISA (Tayeh, M.A. (55) 151)

Diagnosis; Nucleic acid sandwich hybridization; Culture; *Chlamydia trachomatis*; Genital tract infection (Puolakkainen, M. (55) 353)

Enzyme location
Pyruvate carboxylase; *Aspergillus niger* (Purohit, H.J. (55) 129)

***Erythrobacter* sp. OCh 114**
Acid phosphatase; 5′-phosphate (Doi, M. (55) 309)

Escherichia coli
Protein secretion; Periplasmic protein; α-amylase; *Bacillus stearothermophilus* (Suominen, I. (55) 3)

Bifunctional vectors; Conjugal mobilization; *Bacteroides*; Clindamycin resistance; Transposon Tn*501*; Shuttle plasmid (Pheulpin, P. (55) 15)

Amino acid sequence; Synthetic peptide; Heat-stable enterotoxin; Monoclonal antibody (Svennerholm, A.-M. (55) 23)

Gene regulation; Promoter test vector; Bacteriophage Mu; Gene expression; Transcriptional fusion (Apfel, C. (55) 65)

Shigella sp.; Outer membrane; Shiga-like toxin (Sharma, K. (55) 105)

formate hydrogenlyase regulation; Fnr protein; *hydC* gene (Cole, J.A. (55) 169)

Formaldehyde resistance; Plasmid; Cloning; Expression (Kaulfers, P.-M. (55) 299)

Hybrid protein; *Omp*C; Protein export; Gene fusion (Saarilahti, H.T. (55) 327)

Fimbria; Adhesin; Diarrhea (Broes, A. (55) 341)

Ewe abortion agent
Chlamydia psittaci; Outer membrane protein; Nucleotide sequence (Pickett, M.A. (55) 229)

Expression
Escherichia coli; Formaldehyde resistance; Plasmid; Cloning (Kaulfers, P.-M. (55) 299)

Filamentous hamagglutinin
Bordetella pertussis; Methyl-β-cyclodextrin; Stability (Gorringe, A.R. (55) 315)

Fimbria
Adhesin; Diarrhea; *Escherichia coli* (Broes, A. (55) 341)

Flammulina velutipes
α-Glucose-1-phosphate; Trehalose phosphorylase (Kitamoto, Y. (55) 147)

Fnr protein
Escherichia coli; formate hydrogenlyase regulation; *hydC* gene (Cole, J.A. (55) 169)

Formaldehyde resistance
Escherichia coli; Plasmid; Cloning; Expression (Kaulfers, P.-M. (55) 299)

formate hydrogenlyase regulation
Escherichia coli; Fnr protein; *hydC* gene (Cole, J.A. (55) 169)

Fosfomycin modification
Fosfomycin resistance; Gene probe; Hybridization; Glutathione-S-transferase; Fosfomycin-resistance dispersion (Terán, F.J. (55) 213)

Fosfomycin resistance
Fosfomycin modification; Gene probe; Hybridization; Glutathione-S-transferase; Fosfomycin-resistance dispersion (Terán, F.J. (55) 213)

Fosfomycin-resistance dispersion
Fosfomycin resistance; Fosfomycin modification; Gene probe; Hybridization; Glutathione-S-transferase (Terán, F.J. (55) 213)

Frankia
Actinorhizal symbiosis; *Nif* gene (Simonet, P. (55) 141)

Fruiting induction
Lentinus edodes; AMP, cyclic; Adenylate cyclase (Takagi, Y. (55) 275)

Fusobacterium nucleatum
Polyglucose utilization; Amino acid fermentation; Sugar metabolism (Robrish, S.A. (55) 29)

Ganglioside
Clostridium botulinum; pH; Phospholipid; Botulinum toxin type E (Kamata, Y. (55) 71)

Gastric campylobacter-like organism
Urease; pH profile; *Campylobacter pylori* (Taylor, M.B. (55) 259)

Gastritis
IgG; *Campylobacter* (Van Bohemen, C.G. (55) 321)

Gene expression
Gene regulation; Promoter test vector; Escherichia coli; Bacteriophage Mu; Transcriptional fusion (Apfel, C. (55) 65)

Gene fusion
Hybrid protein; *Omp*C; Protein export; *Escherichia coli* (Saarilahti, H.T. (55) 327)

Gene probe
Fosfomycin resistance; Fosfomycin modification; Hybridization; Glutathione-S-transferase; Fosfomycin-resistance dispersion (Terán, F.J. (55) 213)

Gene regulation
Promoter test vector; Escherichia coli; Bacteriophage Mu; Gene expression; Transcriptional fusion (Apfel, C. (55) 65)

Genital tract infection
Diagnosis; Nucleic acid sandwich hybridization; Culture; *Chlamydia trachomatis*; Enzyme immunoassay (Puolakkainen, M. (55) 353)

Glucose dehydrogenase
Pyrroloquinoline quinone; *Acinetobacter calcoaceticus*; (2 enzymes) (Matsushita, K. (55) 53)

α-Glucose-1-phosphate
Trehalose phosphorylase; *Flammulina velutipes* (Kitamoto, Y. (55) 147)

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Glutathione-S-transferase
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Glycolipid
Halobacterium saccharovorum; Polar lipids; ^{13}C NMR. (Lanzotti, V. (55) 223)

Growth
Staphylococcus aureus; Penicillin-binding protein; β-Lactam antibiotic; Cell wall (Beise, F. (55) 195)

pH
Clostridium botulinum; Ganglioside; Phospholipid; Botulinum toxin type E (Kamata, Y. (55) 71)

Haemin
Virulence; Trypsin; Collagen breakdown; Cytotoxin; *Bacteroides gingivalis* (Marsh, P.D. (55) 87)

Halobacterium saccharovorum
Glycolipid; Polar lipids; ^{13}C NMR. (Lanzotti, V. (55) 223)

Heat-stable enterotoxin
Amino acid sequence; Synthetic peptide; Escherichia coli; Monoclonal antibody (Svennerholm, A.-M. (55) 23)

Hemolysin
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Histidine
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pH profile
Urease; *Campylobacter pylori*; Gastric campylobacter-like organism (Taylor, M.B. (55) 259)

Human lymphoblastoid cell
Interferon messenger RNA; Namalva; Sendai virus; Interferon synthesis (Mahmoudi, M. (55) 255)

Human small intestine
Enterotoxigenic *Escherichia coli*; *Salmonella typhi*; Adherence; Colonization factor antigen I, II (Yamamoto, T. (55) 335)

Hybridization
Fosfomycin resistance; Fosfomycin modification; Gene probe; Glutathione-S-transferase; Fosfomycin-resistance dispersion (Terán, F.J. (55) 213)

Hybrid protein
*Omp*C; Protein export; Gene fusion; *Escherichia coli* (Saarilahti, H.T. (55) 327)

Hydrogen partial pressure
Proton reduction; Methanogenesis; Syntrophic coculture; Thermodynamics (Seitz, H.-J. (55) 119)

IgG
Campylobacter; Gastritis (Van Bohemen, C.G. (55) 321)

Immunoblot
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Interferon messenger RNA
Human lymphoblastoid cell; Namalva; Sendai virus; Interferon synthesis (Mahmoudi, M. (55) 255)

Interferon synthesis
Interferon messenger RNA; Human lymphoblastoid cell; Namalva; Sendai virus (Mahmoudi, M. (55) 255)

Kanamycin resistance
Streptococcus group A; Penicillin tolerance (Lakshmi, T.M. (55) 93)

Klebsiella pneumoniae
Oxaloacetate decarboxylase; Electron microscopy; Prosthetic biotin group; Affinity labeling (Däkena, P. (55) 35)

β-Lactam antibiotic
Staphylococcus aureus; Penicillin-binding protein; Cell wall; Growth (Beise, F. (55) 195)

Lactobacillus malefermentans
DNA-DNA hybridization; Taxonomy; *Lactobacillus parabuchneri* (Farrow, J.A.E. (55) 163)

Lactobacillus parabuchneri
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Lentinus edodes
Fruiting induction; AMP, cyclic; Adenylate cyclase (Takagi, Y. (55) 275)

***rbpL* gene**
Carbon dioxide fixation; Photosynthetic bacteria; *Rhodobacter sphaeroides* (Wagner, S.J. (55) 217)

Lignocellulose
Actinomycetes; Xylan; Xylanolytic enzyme (Zimmermann, W. (55) 181)

Linear plasmid
Thiobacillus versutus; Plasmid pTAV2 (Włodarczyk, M. (55) 125)

Lipid analysis
Neisseria gonorrhoeae; Lipopolysaccharide; Carbohydrate analysis (Jessop, H.L. (55) 207)

Lipopolysaccharide
Neisseria gonorrhoeae; Lipid analysis; Carbohydrate analysis (Jessop, H.L. (55) 207)

Malate dehydrogenase
Phototrophic bacteria; Enzyme immunoassay; ELISA (Tayeh, M.A. (55) 151)

Membrane potential
Dictyostelium discoideum; Pseudoplasmodium; AMP, cyclic (Kitami, M. (55) 269)

Membrane protein
Treponema hydrosenteriae; Cell envelope; Antigen (Chatfield, S.N. (55) 303)

Membrane vesicle
Rhodopseudomonas viridis; Pigement-binding protein; Bacterial photosynthetic apparatus (Tadros, M.H. (55) 243)

Methanogenesis
Hydrogen partial pressure; Proton reduction; Syntrophic coculture; Thermodynamics (Seitz, H.-J. (55) 119)

Methylacetoin
Pelobacter carbinolicus; Methylbutanediol; Acetoin cleavage; Butanediol cycle; Acetoin : DCPIP oxidoreductase (Oppermann, F.B. (55) 47)

Methyl-β-cyclodextrin
Bordetella pertussis; Filamentous hamagglutinin; Stability (Gorringe, A.R. (55) 315)

Methylbutanediol
Pelobacter carbinolicus; Methylacetoin; Acetoin cleavage; Butanediol cycle; Acetoin : DCPIP oxidoreductase (Oppermann, F.B. (55) 47)

Mixed culture
4-aminobenzenesulfonic acid; *Agrobacterium radiobacter*; Biodegradation (Feigel, B.J. (55) 113)

Monoclonal antibody
Amino acid sequence; Synthetic peptide; Escherichia coli; Heat-stable enterotoxin (Svennerholm, A.-M. (55) 23)

Ureaplasma urealyticum; Urease (Saada, A.-B. (55) 187)

Mycobacteria
Complement; Antibody; BCG (Parkash, O. (55) 255)

Namalva
Interferon messenger RNA; Human lymphoblastoid cell; Sendai virus; Interferon synthesis (Mahmoudi, M. (55) 255)

Neisseria gonorrhoeae
Lipopolysaccharide; Lipid analysis; Carbohydrate analysis (Jessop, H.L. (55) 207)

Neurospora crassa
Calmodulin; Antibody; Immunoblot; *(Purification)* (Van Tuinen, D. (55) 77)

Nickel efflux
Alcaligenes eutrophus; Nickel resistance; Plasmid (Sensfuss, C. (55) 295)

Nickel resistance
Alcaligenes eutrophus; Plasmid; Nickel efflux (Sensfuss, C. (55) 295)

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Frankia; Actinorhizal symbiosis (Simonet, P. (55) 141)

Ni-resistance
Saccharomyces cerevisiae; Amino acid pool; Histidine (Joho, M. (55) 137)

Nucleic acid sandwich hybridization
Diagnosis; Culture; *Chlamydia trachomatis*; Genital tract infection; Enzyme immunoassay (Puolakkainen, M. (55) 353)

Nucleotide sequence
Chlamydia psittaci; Outer membrane protein; Ewe abortion agent (Pickett, M.A. (55) 229)

***Omp*C**
Hybrid protein; Protein export; Gene fusion; *Escherichia coli* (Saarilahti, H.T. (55) 327)

Outer membrane
Shigella sp.; *Escherichia coli*; Shiga-like toxin (Sharma, K. (55) 105)

Outer membrane protein
Chlamydia psittaci; Nucleotide sequence; Ewe abortion agent (Pickett, M.A. (55) 229)

Oxaloacetate decarboxylase
Electron microscopy; Prosthetic biotin group; Affinity labeling; *Klebsiella pneumoniae* (Däkena, P. (55) 35)

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Staphylococcus aureus; β-Lactam antibiotic; Cell wall; Growth (Beise, F. (55) 195)

Penicillin tolerance
Streptococcus group A; Kanamycin resistance (Lakshmi, T.M. (55) 93)

Periplasmic protein
Protein secretion; α-amylase; *Bacillus stearothermophilus*; *Escherichia coli* (Suominen, I. (55) 3)

Pertussis toxin
Bordetella pertussis; Assay (Andersson, R.G.G. (55) 191)

Phage typing
Staphylococcus aureus; Capsular polysaccharide; (Animal milk isolates) (Sutra, L. (55) 83)

Phosphatase overproduction
Uranium accumulation; *Citrobacter* Isolation (Macaskie, L.E. (55) 157)

5′-phosphate
Erythrobacter sp. OCh 114; Acid phosphatase (Doi, M. (55) 309)

Phospholipases
V. parahaemolyticus (Guhathakurta, B. (55) 133)

Phospholipid
Clostridium botulinum; Ganglioside; pH; Botulinum toxin type E (Kamata, Y. (55) 71)

Photosynthetic bacteria
rbpL gene; Carbon dioxide fixation; *Rhodobacter sphaeroides* (Wagner, S.J. (55) 217)

Phototrophic bacteria
Malate dehydrogenase; Enzyme immunoassay; ELISA (Tayeh, M.A. (55) 151)

Pigement-binding protein
Rhodopseudomonas viridis; Membrane vesicle; Bacterial photosynthetic apparatus (Tadros, M.H. (55) 243)

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Thermophilic bacterium; Actinomycete; Compost (Pidcock, K.A. (55) 349)

Plasmid pTAV2
Thiobacillus versutus; Linear plasmid (Włodarczyk, M. (55) 125)

Plasmid stability
TOL plasmid; Effects of potassium and glucose limitation (Stephens, G.M. (55) 175)

Polar lipids
Halobacterium saccharovorum; Glycolipid; ^{13}C NMR. (Lanzotti, V. (55) 223)

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Periplasmic protein; α-amylase; *Bacillus stearothermophilus*; *Escherichia coli* (Suominen, I. (55) 3)

Proton reduction
Hydrogen partial pressure; Methanogenesis; Syntrophic coculture; Thermodynamics (Seitz, H.-J. (55) 119)

Pseudomonas fluorescence
Broad-host-range plasmid; Conjugation; Transposon mutagenesis; Cosmid mobilization; Rhizosphere (Voisard, C. (55) 9)

Pseudoplasmodium
Dictyostelium discoideum; Membrane potential; AMP, cyclic (Kitami, M. (55) 269)

Pyrroloquinoline quinone
Glucose dehydrogenase; *Acinetobacter calcoaceticus*; (2 enzymes) (Matsushita, K. (55) 53)

Pyruvate carboxylase
Aspergillus niger; Enzyme location (Purohit, H.J. (55) 129)

Reverse gyrase
Archaebacterium; Topoisomerase; Thermoacidophiles; DNA gyrase (Collin, R.G. (55) 235)

Rhizosphere
Broad-host-range plasmid; Conjugation; Transposon mutagenesis; Cosmid mobilization; *Pseudomonas fluorescence* (Voisard, C. (55) 9)

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Shiga-like toxin
Shigella sp.; *Escherichia coli*; Outer membrane (Sharma, K. (55) 105)

***Shigella* sp.**
Escherichia coli; Outer membrane; Shiga-like toxin (Sharma, K. (55) 105)

Shuttle plasmid
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Bordetella pertussis; Filamentous hamagglutinin; Methyl-β-cyclodextrin (Gorringe, A.R. (55) 315)

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Cell wall protein; Salivary component; Affinity chromatography (Ackermans, F. (55) 279)

Streptomyces antibioticus, DNA-methyltransferase (Barbes, C. (55) 59)

Sugar metabolism
Polyglucose utilization; Amino acid fermentation; *Fusobacterium nucleatum* (Robrish, S.A. (55) 29)

Synthetic peptide
Amino acid sequence; Escherichia coli; Heat-stable enterotoxin; Monoclonal antibody (Svennerholm, A.-M. (55) 23)

Syntrophic coculture
Hydrogen partial pressure; Proton reduction; Methanogenesis; Thermodynamics (Seitz, H.-J. (55) 119)

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DNA-DNA hybridization; *Lactobacillus malefermentans*; *Lactobacillus parabuchneri* (Farrow, J.A.E. (55) 163)

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Archaebacterium; Reverse gyrase; Topoisomerase; DNA gyrase (Collin, R.G. (55) 235)

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Linear plasmid; Plasmid pTAV2 (Włodarczyk, M. (55) 125)

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Plasmid stability; Effects of potassium and glucose limitation (Stephens, G.M. (55) 175)

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Gene regulation; Promoter test vector; Escherichia coli; Bacteriophage Mu; Gene expression (Apfel, C. (55) 65)

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Broad-host-range plasmid; Conjugation; Cosmid mobilization; Rhizosphere; *Pseudomonas fluorescence* (Voisard, C. (55) 9)

Transposon Tn*501*
Escherichia coli; Bifunctional vectors; Conjugal mobilization; *Bacteroides*; Clindamycin resistance; Shuttle plasmid (Pheulpin, P. (55) 15)

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α-Glucose-1-phosphate; *Flammulina velutipes* (Kitamoto, Y. (55) 147)

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Urease; Monoclonal antibody (Saada, A.-B. (55) 187)

Urease
Ureaplasma urealyticum; Monoclonal antibody (Saada, A.-B. (55) 187)

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Virulence
Trypsin; Collagen breakdown; Cytotoxin; Haemin; *Bacteroides gingivalis* (Marsh, P.D. (55) 87)

V. parahaemolyticus
Phospholipases (Guhathakurta, B. (55) 133)

Xylan
Actinomycetes; Lignocellulose; Xylanolytic enzyme (Zimmermann, W. (55) 181)

Xylanolytic enzyme
Actinomycetes; Lignocellulose; Xylan (Zimmermann, W. (55) 181)